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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XXI, No. 1 — 66 — JANUARY, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1973, averaged 91,982 barrels daily, a decrease of 1,451 barrels from the average December, 1972 production of 93,433.

The nine refineries in the state processed 132,477 barrels of crude oil daily for the month of January, 1973, a decrease of 8,676 barrels from the 141,153 barrels processed daily during the month of December, 1972.

During January, 54 wells were completed, 8 oil, 8 gas and 38 dry holes.

During January, the commission issued 58 permits to drill new wells, an increase of 12 from the 46 permits issued during December.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1973

IN STORAGE JANUARY 1st	
By Producers	320,567
By Transporters	1,303,848
By Refiners	1,228,659
TOTAL STORAGE	2,853,074
Produced in Montana During Month	2,851,455
Imported During Month	3,235,682
TOTAL	8,940,211
DISPOSITION:	
Refined in Montana	4,106,794
Exported	2,099,020
Used for Fuel or Lost	8,026
TOTAL	6,213,840
IN STORAGE JANUARY 31st	
By Producers	311,351
By Transporters	1,258,770
By Refiners	1,156,250
TOTAL STORAGE	2,726,371

NATURAL GAS WITHDRAWALS IN MONTANA
Month of January, 1973

Field	M. C. Ft.
Bell Creek	—0—
Big Coulee	155,589
Blackjack	56,704
Bowdoin	560,597
Bowes	31,494
Cabin Creek	93,617
Cedar Creek	1,833,341
Cut Bank (including Regan)	473,346
Dry Creek	19,013
Elk Basin	36,922
Flat Coulee	12,225
Gold Butte	—0—
Grandview	17,117
Hardin	737
Keith Block	165,854
Kevin Sunburst	55,996
Lake Basin	22,541
Liscom Creek	24,783
Middle Butte	1,470
Mt. Lilly	61,087
Pine	50,160
Plevna	8,963
South Devon	15,574
Tiger Ridge	2,226,041
Trail Creek	14,904
Utopia	55,903
West Butte	112,907
Whitlash	66,887
Miscecllaneous	148,853
TOTAL	6,322,625

Total Withdrawals for January, 1972, were 4,517,023.

PRODUCERS REPORT — MONTH OF JANUARY, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3		923		718		205
1	Bainville	1	2,950	2,611		2,670		2,891
2	Bannatyne	2		422	422			
5	Bear's Den	6	1,029	1,239		1,217		1,051
18	Bell Creek	258	24,201	586,750	587,979		11	22,961
1	Benrud	1	259	411	430			240
3	Benrud East	3	1,425	13,107	12,717			1,815
1	Benrud Northeast	1	1,178	1,422	1,752			848
....	Berthelote		334					334
6	Big Wall	13	931	6,028	6,592			367
3	Blackfoot	4	335	911	782			464
6	Border	8	1,207	643		404		1,446
1	Bowes	1	8,378	2,455	1,442			9,391
1	Bradley	1	386	562	412			536
1	Brady	1		168	168			
4	Brorson-Madison	4	1,178	3,029		3,210		997
5	Brorson-Red River	5	4,470	10,413		8,401		6,482
3	Brorson-Red River South	3	1,827	9,082		9,112		1,797
1	Burns Creek	1	573	6,183		6,247		509
5	Brush Lake	5	2,788	14,686	16,596			878
2	Cabin Creek	90		254,817	254,817			
1	Canal	1	454	6,512		5,758		1,208
9	Cat Creek	39	2,848	13,226	13,069			3,005
1	Chelsea	1	31	677		468		240
....	Clark's Fork		83					83
1	Clark's Fork South	1	287	47				334
3	Conrad South	3		595	595			
2	Cow Creek	2	559	540		800		299
4	Cow Creek East	5	658	21,576		21,037		1,197
1	Culbertson	1	408	836		1,034		210
4	Cupton	7	6,073	8,756	7,081	2,771		4,977
116	Cut Bank	955	56,592	375,569	375,397	598		56,166
....	Dean Dome		65					65
1	Deer Creek	1	592	1,230	1,400			422
1	Delphia	1	628	254		607		275
....	Devil's Basin		115					115
3	Dwyer	12	4,414	15,478	14,638			5,254
3	Elk Basin	42	800	126,621	126,665			756
4	Elk Basin Northwest	8	1,322	2,500	2,500			1,322
7	Fairview	11	8,129	27,422	17,177	11,510		6,864
2	Fertile Prairie	2	620	1,321		1,206		735
5	Flat Coulee	20	2,735	6,951	7,546			2,140
29	Flat Lake	42	3,375	48,359	48,272			3,462
6	Flat Lake South	6	923	8,472	8,261			1,134
1	Four Buttes	1	313	587		644		256
1	Ft. Gilbert	2	166	18,554	18,515			205
1	Frannie	1		1,395	1,395			
8	Fred & George Creek	29	1,688	32,840	32,425			2,103
1	Froid South	2	513	901		1,282		132
1	Gage	1	181	75		118		138
3	Gas City	18	6,015	25,853	21,193	6,225		4,450
2	Girard	2	1,931	1,859		2,558		1,232
11	Glendive	15	2,416	23,321	23,417			2,320
10	Goose Lake	30	3,781	29,373	29,423			3,731
6	Graben Coulee	12	6,527	4,757	1,568	4,124		5,592
1	Hay Creek-Mission Canyon	1	50	1,040	1,045			45
2	Hay Creek-Red River	2	418	8,991	9,019			390
4	Hiawatha	4	2,348	5,702	6,124			1,926
....	Injun Creek		423					423
5	Ivanhoe	11	1,538	2,805	2,598			1,745
2	Jim Coulee	23	5,070	44,308	45,101			4,277
7	Keg Coulee	19	5,229	30,089	29,582			5,736
2	Keg Coulee North	2	1,066	3,151	3,017			1,200
1	Kelley	4	1,252	5,593	5,739			1,106
58	Kevin Sunburst	372	10,278	21,735	20,435	1,387	58	10,133
8	Laird Creek	10	453	2,404		2,382	4	471
1	Landslide Butte	2	764	433	832			365
3	Leary	3	2,664	1,802		1,582		2,884
1	Little Beaver	23		39,414	39,414			
2	Little Beaver East*	11	2,580	13,639	14,370			1,849
1	Little Wall Creek	1	556	4,396	4,430			522
....	Lodge Grass		602					602
6	Lonetree Creek	6	4,472	26,409	27,547			3,334
3	Lookout Butte (Coral Creek)	29	411	56,982	56,964			429
1	Mason Lake	1	144	315				459
2	Melstone	3	1,404	1,272	1,664			1,012
1	Mineral Bench	1	533	196	431			298
1	Miner's Coulee	1		255		255		
11	Monarch	14	3,647	14,391	10,857	3,008		4,173
3	Mosser	3		518		518		
1	Nohly	1	1,091	11,419		11,376		1,134
2	Otis Creek	2	1,351	9,773		9,979		1,145
6	Outlook	8	5,275	17,401	18,195			4,481
1	Outlook South	1	500	352				852
2	Outlook West	2	1,639	3,196	3,231			1,604
1	Pennel-Lookout Butte	112		175,145	175,145			
4	Pine	108	17,013	234,971	235,086			16,898
58	Pondera	255	3,252	21,585	21,064			3,773
6	Poplar	64	10,225	43,445	43,190			10,480
1	Poplar Northwest	1	1,264	832	921			1,175
....	Prairie Elk		520					520
3	Pritchard Creek	3	167	1,106	1,106			167
1	Putnam	2	242	6,022		6,022		242
....	Rabbit Hills		1,028					1,028
3	Ragged Point	10	3,396	3,934	3,297			4,033
2	Rattlesnake Coulee	2	473	453	396			530
5	Raymond	5	2,729	28,266	29,150			1,845
3	Reagan	44	776	16,945	16,718			1,003
1	Red Creek	29		15,000	15,000			
1	Red Fox	1	378	720	850			248
1	Redstone	1	265	1,342	1,239			368
1	Repeat	1	160	1,737		1,647		250
3	Reserve	4	565	5,782	5,950			397
....	Richey		319					319
1	Richey Southwest	5	322	1,200		1,200		322
....	Rough Creek		406					406
1	Rush Mountain	1	579	1,500	1,500			579
2	Salt Lake	3	438	3,503		3,555		386
4	Sand Creek	4	1,048	1,801	1,750			1,099
1	Second Creek	1	504	11,454		10,784		1,174
1	Snyder	4	464	784		785		463
7	Soap Creek	18	1,749	4,234		4,516		1,467
2	Spring Lake	2	1,654	1,804		2,343		1,115
2	Stensvad	5	3,986	44,563	44,906			3,643
13	Sumatra	72	21,888	101,285	103,305			19,868
5	Tule Creek	5	1,871	21,231	19,668			3,434
2	Tule Creek East	2	542	7,209	6,264	1,042		445
2	Tule Creek South	3	497	1,915		1,976		436
2	Vida	2	733	904		1,065		572
4	Volt	5	1,816	11,163	10,889			2,090
2	Weed Creek	3	457	1,197	1,074			580
3	Weldon	3	709	6,969	6,795			883
1	West Butte	1		1,408		1,408		
14	Whitlash	35	8,081	10,136	11,004			7,213
....	Whitlash West		284					284
2	Willow Creek North	2	224	2,530	2,512			242
2	Wills Creek South	2		2,633	2,633			
2	Wolf Springs	3	1,876	1,000	1,000			1,876
2	Woodrow	2	356	1,617	1,841			132
3	Wright Creek	5	2,405	1,364	1,143			2,626
....	Wildcat, Blaine Co.		157					157
....	Wildcat, McCone Co.		98					98
2	Wildcat, Toole Co.	2	202	466		412		256
634	Total	3,076	320,567	2,851,455	2,700,637	159,961	73	311,351

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
January, 1973	2,851,455	91,982	2,860,598	92,277

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
January, 1973	311,351	1,258,770	1,156,250	2,726,371

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JANUARY, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			718				718		
BAINVILLE—Koch Oil Company			2,670				2,670		
BEAR'S DEN—Truck			1,217				1,217		
BELL CREEK—Pipeline	42,907	587,979					292,503	286,198	52,185
BIG WALL—Continental Pipeline Co.		6,342				6,342			
BLACKFOOT—Camerland Cardinal Corp.		782						782	
BORDER—Permian Corp.			404					404	
BOWES—Texaco		1,442				1,442			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			20,723					20,723	
BURNS CREEK—Western Crude Oil, Inc.			6,247				6,247		
BRUSH LAKE—Portal Pipeline Co.		16,601					16,601		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	337,101	510,252	20,309	1,083,016			1,715,500		235,178
Shell Pipeline Co.	3,860	305,772			6,141			299,146	4,345
	340,961	816,024	20,309	1,083,016	6,141		1,715,500	299,146	239,523
CANAL—Koch Oil Company			5,758				5,758		
CAT CREEK—Continental Pipeline Co.		11,399				11,399			
CHELSEA—Western Crude Oil, Inc.			468					468	
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			21,837				21,837		
CULBERTSON—Spruce Oil Co.			1,034				1,034		
CUT BANK—									
Continental Pipeline Co.		392,906	6,967					399,873	
Phillips Petroleum Co.	60,519	130,613		35,814	1,738	172,191			53,017
Texas Pipeline Co.	14,545	36,347		70,380	(134)			107,083	14,323
Union Oil Co.	53,661	47,085			391	39,090			61,265
Western Oil Trans. Co.		36,633						36,633	
Western Oil Trans. Co. (Mouton)		135,457						135,457	
	128,725	779,041	6,967	106,194	1,995	211,281		679,046	128,605
DELPHIA—Truck			607			607			
DWYER—Portal Pipeline Co.		13,425					13,425		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		128,785				128,785			
FAIRVIEW—									
Fairview Pipeline Co.		17,177					17,177		
Koch Oil Company			11,510				11,510		
		17,177	11,510				28,687		
FLAT COULEE—Camerland Cardinal Corp.		6,867				1,464		5,403	
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		51,918					51,918		
FT. GILBERT—Fairview Pipeline Co.		18,515					18,515		
FOUR BUTTES—Truck			644					644	
FRANNIE—Interstate Pipeline Co.		1,395					1,395		
FRED AND GEORGE CREEK—Camerland Cardinal Corp.	11,284	31,962				33,196			10,050
FROID SOUTH—Truck			1,282					1,282	
GAGE—Truck			118			118			
GIRARD—Koch Oil Company			2,558				2,558		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—Texas Pipeline Co.	7,873	24,370			492			24,217	7,534
GOOSE LAKE—Portal Pipeline Co.		28,352					28,352		
HAY CREEK—Fairview Pipeline Co.		10,065					10,065		
HIAWATHA—Continental Pipeline Co.		6,728					6,728		
IVANHOE—Continental Pipeline Co.		2,598				2,180	418		
JIM COULEE—Continental Pipeline Co.		45,101						45,101	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		38,698				38,698			
KELLEY—Continental Pipeline Co.		5,737				5,737			
KEVIN SUNBURST—									
Big West Oil Co.	4,327	13,838				14,373			3,792
Homestake Oil & Gas Co.	2,363	3,092				3,492			1,963
Texas Pipeline Co.	15,976	6,404			107			10,931	11,342
	22,666	23,334			107	17,865		10,931	17,097
LEARY—Permian Corp.			1,582				1,582		
MELSTONE—Continental Pipeline Co.		1,664				1,330	334		
MIDDLE WALL—Continental Pipeline Co.**		2,513						2,513	
MOSSER—Permian Corp.			518				518		
NOHLY—Koch Oil Co.			11,376				11,376		
OTIS CREEK—Western Crude Oil, Inc.			9,979				9,979		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—Portal Pipeline Co.		21,427					21,427		
PONDERA—Phillips Petroleum Co.	24,047	22,739			82	8,202			38,502
POPLAR, BEURUD, BENRUD EAST, RED FOX, REDSTONE—East Poplar Gathering System	15,642	62,615			(137)			70,635***	7,759
PUTNAM—Western Crude Oil, Inc.			6,022				6,022		
RAGGED POINT—Continental Pipeline Co.		4,122				4,122			
RAYMOND—Portal Pipeline Co.		29,150					29,150		
RED CREEK—Western Oil Transportation Co.		19,102						19,102	
RESERVE—Portal Pipeline Co.		6,333					6,333		
RUSH MOUNTAIN—Sinclair Ref. Co.		1,500					1,500		
SALT LAKE—Koch Oil Company			3,555				3,555		
SECOND CREEK—Koch Oil Company			10,784					10,784	
SNYDER—Permian Corp.			785			785			
SOAP CREEK—Permian Corp.			4,516				4,516		
SPRING LAKE—Koch Oil Co.			2,343				2,343		
SUMATRA AND STENSVAD—Continental Pipeline Co.	703,458	145,348		3,201,522	(2,656)	134,775		3,164,692	753,517
TULE CREEK—									
Spruce Oil Co.	6,285	61,037				63,324			3,998
Permian Corp.			3,018			3,018			
	6,285	61,037	3,018			66,342			3,998
WEED CREEK AND WOLF SPRINGS—Continental Pipeline Co.		2,432				2,432			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		12,090				10,052		2,038	
WILDCAT WELLS—Truck			412					412	
TOTAL	1,303,848	3,066,709	159,961	4,390732	6,024	687,154	2,324,781	4,644,521	1,258,770

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1973

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon	Farmers Union	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall	.....	6,342	.....	.....	.....	.....	.....	.....	.....	6,342
Cat Creek	.....	2,450	.....	.....	10,715	4,605	.....	.....	.....	17,770
Cut Bank	92,213	.....	.....	.....	.....	.....	151,010	.....	132,612	375,835
Delphia	.....	.....	.....	.....	.....	1,320	.....	.....	.....	1,320
Elk Basin	.....	49,935	.....	36,492	42,358	.....	.....	.....	.....	128,785
Flat Coulee	.....	.....	.....	.....	.....	.....	.....	.....	1,464	1,464
Fred & George Creek	33,196	.....	.....	.....	.....	.....	.....	.....	.....	33,196
Gage & Gage Southwest	.....	.....	.....	.....	.....	402	.....	.....	.....	402
Hiawatha	.....	.....	.....	.....	.....	25	.....	.....	.....	25
Hibbard	.....	.....	.....	.....	.....	630	.....	.....	.....	630
Ivanhoe	.....	2,180	.....	.....	.....	.....	.....	.....	.....	2,180
Keg Coulee	.....	5,098	.....	10.376	23,224	.....	.....	.....	.....	38,698
Kelley	.....	.....	.....	5,737	.....	.....	.....	.....	.....	5,737
Kevin Sunburst	17,865	.....	.....	.....	.....	.....	.....	.....	.....	17,865
Melstone	.....	.....	.....	.....	1,330	.....	.....	.....	.....	1,330
Pondera	.....	.....	.....	.....	.....	.....	21,383	.....	.....	21,383
Ragged Point	.....	.....	.....	.....	4,122	.....	.....	.....	.....	4,122
Snyder	.....	785	.....	.....	.....	.....	.....	.....	.....	785
Sumatra & Stensvad	.....	15,877	.....	43,918	74,980	.....	.....	.....	.....	134,775
Tule Creek	.....	.....	.....	.....	.....	.....	.....	66,342	.....	66,342
Weed Creek	.....	.....	.....	1,074	.....	.....	.....	.....	.....	1,074
Whitlash	.....	.....	.....	.....	.....	.....	10,052	.....	.....	10,052
Wolf Springs	.....	.....	.....	1,000	.....	.....	.....	.....	.....	1,000
Total Montana Oil	143,274	82,667	.....	98,597	156,729	6,982	182,445	66,342	134,076	871,112
Canadian Oil Imported	.....	392,906	.....	530,981	159,255	.....	.....	.....	.....	1,083,142
Wyoming Oil Imported	.....	925,701	.....	725,447	501,392	.....	.....	.....	.....	2,152,540
Total Montana, Canadian & Wyoming Oil	143,274	1,401,274	.....	1,355,025	817,376	6,982	182,445	66,342	134,076	4,106,794

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	24,723	37,303	70,391	132,417
January, 1971	26,329	37,322	66,871	130,522
January, 1972	28,100	34,940	69,437	132,477

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1971	18.67%	28.17%	53.16%
January, 1971	20.17%	28.59%	51.24%
January, 1972	21.21%	26.37%	52.42%